

## REMARKS

### Status of the Claims

Applicant respectfully submits that the amendments and remarks presented herein put the claims in condition for allowance, and respectfully request reconsideration thereof.

Prior to this amendment, claims 1-31 were pending and had been examined.

Applicant has canceled claims 1-31 without prejudice and has added claims 32-56. Claims 32-56 thus remain in this application for further examination.

### Obviousness-Type Double Patenting

Claims 1-31 stand provisionally rejected under the judicially created doctrine of obviousness-type double patenting over claims 1-3 and 8-46 of co-pending U.S. patent application no. 10/424,351.

Applicant has canceled claims 1-31, thereby obviating this rejection. Applicant thus requests reconsideration and withdrawal of this rejection.

### Newly Added Claims

Applicant has added claims 32-56 herein to more clearly point out and distinctly claim his invention. Support

for the newly added claims 32-56 can be found throughout the specification, including the claims as originally filed, and particularly as follows. No new matter has been added.

Support for claim 32 can be found particularly in original claims 1 and 3.

Support for claim 33 can be found particularly in original claim 2.

Support for claims 34-36 can be found in original claims 9 and 11.

Support for claim 37 can be found in original claim 10 and 12.

Support for claims 38 and 39 can found in original claim 4, 13, 14, and 23.

Support for claim 40 can be found in original claims 5, 6, 15, and 20.

Support for claim 41 can be found in original claims 16 and 19.

Support for claim 42 can be found in original claim 17.

Support for claims 43 and 44 can be found in original claim 18.

Support for claim 45 can be found be on pages 24-25 and in Table 1.

Support for claim 46 can be found in original claim 22.

Support for claim 47 can be found on page 22, lines 23-25, in FIG. 3, and in Tables 1 and 3.

Support for claims 48 and 49 be found particularly on page 22, lines 25-27, in FIG. 3, and in Tables 1 and 3.

Support for claim 50 can be found particularly in original claim 24.

Support for claim 51 can be found particularly in original claim 25.

Support for claim 52 can be found particularly in original claim 26.

Support for claim 53 can be found particularly in original claim 27.

Support for claim 54-56 can be found particularly in original claims 1 and 3, and on pages 22, 27-31, 32, and 33.

CONCLUSION

Applicant respectfully submits that all of the pending claims are in form for allowance. If the Examiner believes, however, that any matters remain outstanding, applicants respectfully request that the Examiner call the undersigned.

Respectfully submitted,



---

Tae Bum Shin  
Limited recognition pursuant  
to 37 C.F.R. §11.9(b)

(Signed in a representative  
capacity as Agent for  
Applicant pursuant to 37  
C.F.R. § 1.34(a))

for:

James F. Haley, Jr.  
Reg. No. 27,794  
Attorney for Applicants

FISH & NEAVE IP GROUP  
ROPES & GRAY LLP  
Customer No. 1473  
1251 Avenue of the Americas  
New York, New York 10020-1105  
Tel.: (650) 617-4000 (CA)  
Fax: (212) 596-9090 (NY)